

MINNESOTA AG NEWS

WEEKLY CROP-WEATHER



USDA, NASS, MINNESOTA
FIELD OFFICE
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USDA, NASS, MINNESOTA FIELD OFFICE, IN COOPERATION WITH THE NATIONAL WEATHER SERVICE
TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, FSA, NRCS, DNR

CROP DEVELOPMENT AHEAD OF LAST YEAR AND 5-YEAR AVERAGE

Crop development in Minnesota is progressing ahead of both last year and the 5-year averages as hot weather continued over most of the State, according to the USDA, NASS, Minnesota Field Office. Rainfall at the middle and end of last week compensated somewhat for widespread shortfalls during the first half of July, but more is needed. Small-grain harvest is now in progress in some areas of the State.

The average temperature for the week was 73.3 degrees, 3.0 degrees above normal. Statewide topsoil moisture supplies as of July 22nd were rated 6% very short, 27% short, 62% adequate, and 5% surplus.

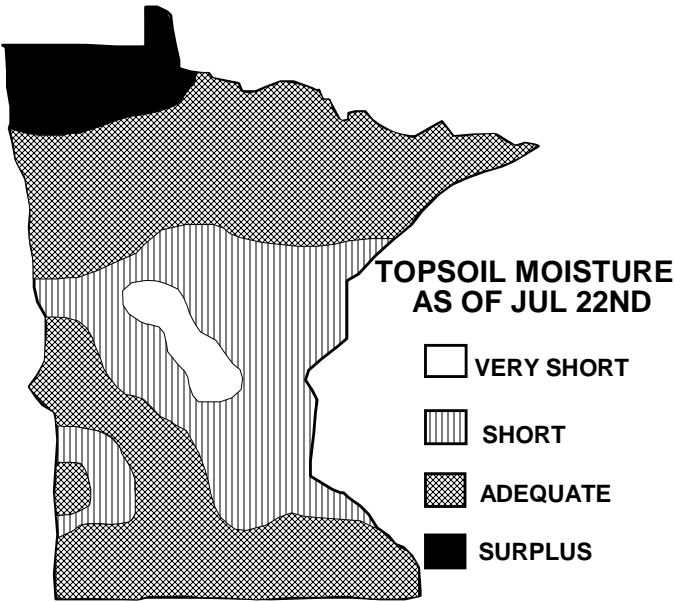
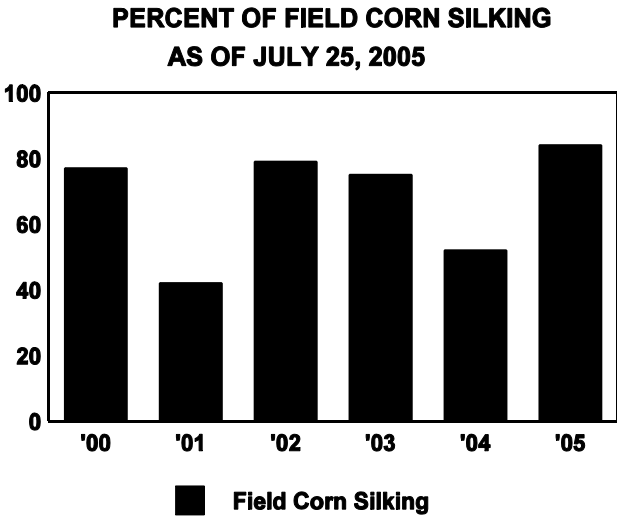
An estimated 52% of Spring Wheat acreage was turning ripe as of Sunday, compared with 26% for the same date in 2004 and 49% for the five-year average. Oats were 84% turning ripe, compared with 56% last year and 70% for the five-year average. Barley was 74% turning ripe, compared with 29% last year and 55% for the five-year average.

Eighty-four percent of the corn was silking, compared with 46% last year and 59% for the five-year average. Four percent was in the milk stage, the same as the five-year average. Eighty-two percent of the soybeans were blooming, compared with 69% last year and 72% for the 5-year average. Soybeans setting pods were 21% compared with 14% last year and 16% for the five-year average.

Days Suitable for Fieldwork: 5.9				
	Very Short	Short	Ade-quate	Sur-plus
Topsoil Moisture (%)	6	27	62	5

Crop Progress as of July 24, 2005					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
----- Percent -----					
Corn	Silking	84	20	46	59
	Milk	4	NA	1	4
Soybeans	Blooming	82	61	69	72
	Setting Pods	21	4	14	16
Oats	Turning Ripe	84	49	56	70
	Harvested	12	2	7	10
Barley	Turning Ripe	74	37	29	55
Spring Wheat	Turning Ripe	52	27	26	49

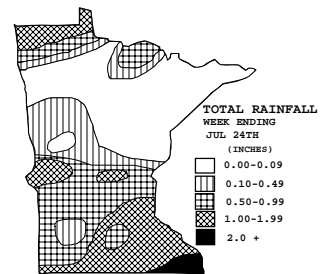
Crop Condition as of July 22, 2005 in %					
	Very Poor	Poor	Fair	Good	Exc
Pasture	3	9	36	45	7
Field Corn	2	7	20	52	19
Soybeans	2	7	27	50	14
Spring Wheat	2	12	35	42	9
Barley	7	11	35	41	6
Oats	4	7	30	49	10
Dry Beans	5	7	43	38	7
Potatoes	3	3	23	41	30
Sunflowers	1	9	48	40	2
Sugarbeets	1	7	38	46	8
Canola	31	29	37	2	1



Robert Purvis
Agricultural Statistician

Douglas A. Hartwig
Director

PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING July 24, 2005:
Temperatures averaged from 0.2 degree below normal in the Northwest District to 5.0 degrees above normal in the South Central District. Extremes: 99° in Winona; 44° in International Falls. Precipitation averaged from 0.86 inch below normal in the Northeast District to 0.95 inch above normal in the Southeast District. Greatest weekly total was 3.17 inches recorded in Preston.



Precipitation and Temperature Summary for 7/18/2005 through 7/24/2005

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	From Norm 4/1	Since May 4	Depart from Norm
<u>NW DIST 1</u>										
Crookston	89	52	69.6	-.4	0	-.68	-1.00	-.01	1238	14
Moorhead	93	53	71.6	.5	.13	-.48	-.78	2.38	1326	46
Warroad	87	49	67.2	-.6	1.12	.33	2.72	3.49	1079	17
<u>NC DIST 2</u>										
Grand Rapids	91	48	70.2	2.3	.02	-.99	-2.31	-1.36	1159	81
Intl. Falls	85	44	65.2	-1.4	.65	-.07	.50	2.83	1011	0
Itasca	89	46	68.5	1.9	.13	-.72	-1.92	.15	1155	156
<u>NE DIST 3</u>										
Duluth	87	52	68.7	2.5	.07	-.86	-2.44	-.26	995	82
Grand Marais	93	50	64.5	2.8	.04	-.71	-.74	.16	617	23
Hibbing	87	54	68.1	1.7	.04	-1.00	-2.33	-5.33	1021	48
<u>WC DIST 4</u>										
Alexandria	90	53	74.2	3.6	1.03	.34	.00	1.24	1315	88
Browns Valley	92	53	73.9	1.0	1.15	.39	.30	3.42	1393	36
Canby	97	55	77.2	3.5	.54	-.17	-1.47	.06	1523	99
Fergus Falls	91	54	73.8	3.3	.02	-.71	-.81	3.39	1360	120
Montevideo	89	55	75.8	3.5	.95	.22	.63	3.61	1442	82
Morris	88	51	73.2	1.7	.91	.04	-1.18	1.89	1364	38
<u>CENT DIST 5</u>										
Becker	95	49	75.8	5.5	.97	.04	-.55	-.21	1452	229
Collegeville	95	52	76.0	3.3	1.08	.31	-1.69	1.73	1491	109
Hutchinson	95	51	76.6	4.1	1.00	.18	-.91	2.01	1475	86
Long Prairie	88	49	74.0	3.7	.21	-.70	M	M	M	M
Olivia	91	53	75.0	3.4	.52	-.23	-1.00	3.11	1442	81
St. Cloud	93	52	73.6	3.3	1.32	.62	-1.19	-.83	1405	182
Staples	90	47	70.5	2.5	.15	-.63	-.32	2.05	1221	120
Willmar	91	51	75.7	4.0	.73	-.05	-1.77	-1.93	1438	92
<u>EC DIST 6</u>										
Aitkin	91	48	69.8	2.6	0	-1.04	-1.32	1.26	1183	145
Forest Lake	95	54	75.3	4.1	.47	-.54	-1.63	-1.88	1461	150
MSP Airport	93	57	78.9	5.2	1.00	.11	-1.05	-2.30	1607	180
St. Paul - UofM	92	54	77.8	4.0	1.41	.45	-.13	-.84	1582	112
<u>SW DIST 7</u>										
Lamberton	94	54	76.4	4.1	.36	-.43	-.98	2.71	1474	58
Pipestone	95	56	75.2	3.2	.51	-.20	-.81	2.08	1420	84
Redwood Falls	96	54	77.6	3.8	.17	-.66	-1.62	.98	1506	18
Worthington	94	56	75.6	4.3	1.43	.68	-.48	2.15	1458	142
<u>SC DIST 8</u>										
Faribault	94	55	76.4	4.7	1.01	.04	-1.41	1.35	1455	122
Mankato	94	56	77.4	5.0	.73	-.19	-2.37	-.99	1470	79
Waseca	92	54	76.8	5.2	2.29	1.27	.27	2.91	1508	140
Winnebago	92	57	77.6	5.3	1.68	.77	-.49	3.61	1508	110
<u>SE DIST 9</u>										
Preston	93	53	75.2	4.5	3.17	2.12	-.07	-.74	1376	105
Red Wing	95	56	76.4	3.9	1.13	.18	-1.83	-2.14	1512	140
Rochester	89	53	75.4	5.0	1.35	.30	-2.40	-3.44	1472	211
Rosemount	93	55	75.4	3.3	1.65	.60	-1.65	-3.71	1496	110
Winona	99	59	78.8	3.6	1.63	.68	-2.02	-2.93	1560	32

M=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

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